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Part Number: [0022235031](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Solid Header, Vertical, 3 Circuits, with Kinked PC Tails
Replacement Part Number: [http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=002223203122232031 w/differences](http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=002223203122232031%20w/differences)

Documents:

[3D Model](#) [Packaging Specification PK-43009-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

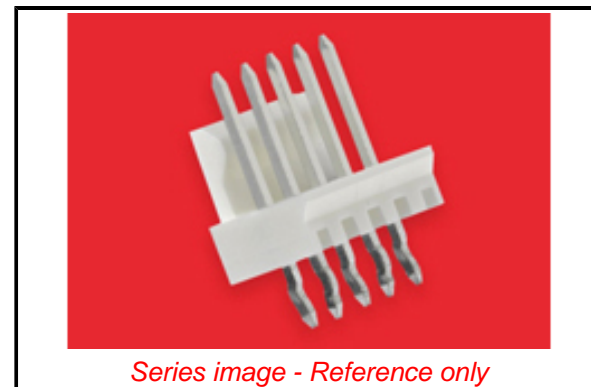
General

Product Family PCB Headers
 Series [43009](#)
 Application Signal, Wire-to-Board
 Comments Replacement PN has straight pin tails, does not have kinked tails, Replacement PN has straight pin tails, does not have kinked tails

Overview [KK® Interconnect System - Molex](#)
 Product Name KK 254
 Replacement Part Number [22232031 w/differences](#)
 UPC 800753845084

Physical

Breakaway No
 Circuits (Loaded) 3
 Circuits (maximum) 3
 Color - Resin Natural
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 0.387/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.56mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 5.080µm
 Plating min - Termination 5.080µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[43009 Series](#)

Mates With

KK Crimp Housing [2695](#) , [6471](#) , [7880](#) , KK
 PC Board Connector [4455](#)

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	500V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	A-43009-0012
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Reference - Drawing Numbers

Packaging Specification	PK-43009-001
Sales Drawing	SDA-43009

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